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# ENCOURAGING PROVIDER BUY IN: IMMEDIATE POSTPARTUM LARC

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Jen Robinson, MS, CNM, WHNP-BC, RN (she/her)

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# SPEAKER DISCLOSURES

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**Jen Robinson MS, WHNP-BC, CNM, RN is a Nexplanon trainer for Organon**

# LEARNING OBJECTIVES

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- 1. Describe the efficacy and safety of LARC in the immediate postpartum period**
- 2. Review the role of clinician champions and interprofessional implementation teams**
- 3. Describe how to address the top concerns PA providers have about IPP LARC: IUD expulsions, post-expulsion contraception concerns, return rate for postpartum visits**
- 4. Discuss processes in which teams roll out IPP LARC initiatives without 100% provider buy in**

# CHALLENGES WITH INITIATING POSTPARTUM CONTRACEPTION

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- **As many as 40% of people do not return for the 6 week postpartum visit**
  - **Even lower in under-resourced areas, further contributing to health disparities**
- **Non-breastfeeding/chestfeeding/lactating people can ovulate as early as 25 days postpartum**
  - **40% will ovulate by 6 weeks postpartum**
- **57% of postpartum people are sexually active by 6 weeks postpartum**

- **Long acting reversible contraception = LARC**
- **Advantages** of LARC include:
  1. **Do not require ongoing effort for long-term and effective use**
  2. **Rapid return to fertility after removal of the device**
- **Disadvantages:**
  1. **Must be placed and removed by a trained clinician**
  2. **Impacts patient autonomy**

# WHAT IS IMMEDIATE POSTPARTUM LARC?

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LARC methods available in the hospital after a delivery before discharge

- ACOG, CDC, WHO, Society of Family Planning, and Cochrane Reviews all support immediate postpartum LARC as a safe and effective option
- Can be an ideal time to provide LARC methods for many people who want them

# DEFINITIONS: TIMING OF LARC PLACEMENT

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1. **Immediate postplacental** – placement while still in the delivery room and, when possible, within 10 minutes of placental delivery
2. **Immediate postpartum** – placement during hospital admission for delivery
3. **Postpartum** – placement within 6 weeks of delivery
4. **Interval placement** – placement at any time during the menstrual cycle and not in relationship to the end of a pregnancy (or >6 weeks after delivery)



# Immediate versus delayed postpartum insertion of contraceptive implant and IUD for contraception

✉ Jen Sothornwit, Srinaree Kaewrudee, Pisake Lumbiganon, Porjai Pattanittum, Sarah H Averbach

Authors' declarations of interest

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People were **48% more likely to have contraceptive implants inserted IPP** vs at 4-6 week PP visit.



People were **27% more likely to have IUDs inserted IPP** vs at 4-6 week PP visit


# IPP LARC CAN SERVE AS A BRIDGE METHOD TO TUBAL LIGATION

- At least 1/3 of people who want a postpartum tubal ligation will **not** have it done
- 47% of people discharged without having a desired postpartum tubal ligation will be pregnant within 1 year
- Systems issues preventing tubal ligation at the time of delivery:
  - Lack of an operating room, physician availability, incomplete consent forms
  - Insurance Issues



# Implementing immediate postpartum contraception: a comparative case study at 11 hospitals



Michelle H. Moniz<sup>1,2\*</sup> , Kirsten Bonawitz<sup>1</sup>, Marisa K. Wetmore<sup>1</sup>, Vanessa K. Dalton<sup>1,2</sup>, Laura J. Damschroder<sup>3</sup>, Jane H. Forman<sup>3</sup>, Alex F. Peahl<sup>1</sup> and Michele Heisler<sup>2,4</sup>

## Essential Conditions for Success

### Effective Implementation Champions

"...[Clinical Champion] had to fight a lot of battles... at every level in terms of the level of billing, the level of pharmacy, you know, all of the details you don't really think about... she really had to iron out... she just wanted to get it done." (Resident, Site 7)

"I really was the person doing all of this... I certainly had help from other people but in terms of the actual work of implementing this, it was really me and, honestly, that's a huge part of also why the IUDs, I think, haven't happened yet, because I lost my protected time... [and] I also became the medical director of the outpatient clinic which kind of sucked a lot of my time up and... it just kind of never happened... I think that if I had had more time, I may have been able to do it." (Champion, Site 11)

"So, even before the engagement of [Implementation Champion] to come to the subcommittee meeting, I had already—we had already had multiple meetings where I said, no, this is a project that makes sense for pharmacy... we had that resolved behind the scenes, before going to the subcommittee, the P&T subcommittee, and the requirement for that subcommittee was for the physician champion to come and make a case for them... they show up and a lot of the pharmacists had already brought literature to support and why this product [Liletta] was better than the one they currently have on the formulary... So, we basically had to present the case and the pharmacy did a lot of work before we ever showed up for the meeting." (Pharmacy Manager, Site 3)

**Promising strategies:** Identify and prepare champions; Build a coalition; Conduct local needs assessment; Assess for readiness and identify barriers and facilitators; Tailor strategies; Develop a blueprint; Obtain feedback about the implementation plan; Stage scale up; Facilitation; Plan for outcome evaluation; Develop processes for quality monitoring; Evaluate implementation (counseling rates, method utilization rates, patient-reported outcomes about services)

### Enabling Financial Environment

"[Implementation was not even considered until [Medicaid] reimbursement was guaranteed." (Champion, Site 4)

"I think it may be a \$250 - \$300,000 hit I would take on the inpatient setting which I would not get reimbursed for. But, really, we asked the question of our CEO, this is really for the greater good, and we want to take that hit. And they said, yes, we are. And it was back on me and my team to- [sic] our cost initiatives elsewhere... but this is the right thing for us to do." (Pharmacist, Site 2)

**Promising strategies:** Conduct local consensus discussions; Access new funding; Place innovation on inpatient formulary

### Hospital Administrator Engagement

"I wanted to make sure that we would be allowed to consent patients in labor... [the Chief Medical Officer] said at that time, like, 'well, I think that we will have to talk to legal about that'... no consensus was ever reached on that... he brought up the concern that maybe we should actually have a separate privilege for this... I know he was definitely just trying to be safe, but that definitely kind of put a wrench in the works" (Champion, Site 11)

**Promising strategies:** Conduct local consensus discussions

# EFFECTIVE IMPLEMENTATION CHAMPIONS

## Dedicated administrative support

- Protected paid admin time
- Project manager

## Patient and community engagement

- Reproductive justice partnerships

## Interprofessional coalition

- Pharmacy, nursing, admin, billing
- Identify and mitigate barriers outside clinician champion's reach
- Dissipate resistance from colleagues



njappleseed



newvoicesrj

Who will need to be an active part of the IPP LARC initiative team in your hospital?  
Check all that apply.

- |   |   |
|---|---|
| <input type="checkbox"/> Administration | <input type="checkbox"/> Lactation consultant     |
| <input type="checkbox"/> MCO Liaison    | <input type="checkbox"/> OB provider              |
| <input type="checkbox"/> Pharmacy       | <input type="checkbox"/> All of the above         |
| <input type="checkbox"/> Billing        | <input type="checkbox"/> Other ( <i>specify</i> ) |
| <input type="checkbox"/> Nursing        |   |

# STRATEGIES TO PROMOTE POSITIVE ATTITUDES + ADEQUATE KNOWLEDGE ABOUT CLINICAL PRACTICE

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- Provide didactic and hands on simulation training for clinicians and staff (**ongoing!**)
- Educational materials
  - develop and distribute
- Clinical supervision
  - consider locums
- Organize clinician and staff team meetings
- Audit and feedback performance
  - counseling rates, contraceptive utilization, patient experience of care

innovating-education

# PROVIDER CONCERN #1: IUD EXPULSION RATES

- Expulsion rates for immediate postpartum IUD insertions vary by study, device type, route of delivery
- Immediate postplacental: ~10%
- 10 minutes to 4 weeks: may be as high as 10-27%
- Interval (6 weeks PP and beyond):
  - 2-10% copper IUD
  - 2-6% hormonal IUD



# IPP LARC SATISFACTION & CONTINUATION RATES

- Many people like and continue using their immediate postpartum LARC method
  - 74% with IPP IUD had their IUD in place at one year
  - 84% with IPP implant had their implant in place at one year
- Continuation rates for IUDs and implants at 1 year are similar with interval placement

# PROVIDER CONCERN #2: IF IPP IUD EXPELS, PATIENTS MIGHT NOT WANT ANOTHER IUD

- Per Society of Family Planning Guidelines & 2015 Woo et al. Contraception article :  
“Most women who experienced expulsion had a second IUD placed, and use at 3 and 6 months was similar across groups”
- Person centered contraceptive counseling improves contraceptive knowledge, patient experience, and contraceptive satisfaction and continuation
- Method switching is normal, common



Stock image



# PA HOSPITAL CASE STUDY: IPP IUDS IN 2022

## EXPULSION STATS

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- Context: A hospital in PA with an average of 160 deliveries a month that has been placing IPP LARC since prior to 2020.
- IUDs placed: 189
- Expulsions within 8 weeks of placement: 18
  - Expulsion rate: 10%
- Patients that requested and received another IUD after experiencing an expulsion: 10 patients: 56%
- Contraceptive options chosen by other 8 people: 3 depo, 2 ring, 1 OCP, 1 Nexplanon, 1 hysterectomy

# PROVIDER CONCERN #3: PATIENTS WILL NOT RETURN FOR POSTPARTUM VISITS IF THEY HAVE IPP LARCS

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“Given the multiple barriers that exist for IUD insertion in routine practice, a patient population with low return rates for the postpartum visit is more likely to benefit from the option of postplacental IUD insertion.”

-Society of Family Planning Guidelines: Postplacental insertion of IUDs, 2017



George Robinson

# PA HOSPITAL CASE STUDY: IPP IUDS IN 2022

## PP APPOINTMENT STATS

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- Context: A hospital in PA with an average of 160 deliveries a month that has been placing IPP LARC since prior to 2020.
- IUDs placed: 189
- Expulsions within 8 weeks of placement: 18
  - Expulsion rate: 10%
- Patients that received an immediate PP IUD and attended their PP appt: **78%**



## USING AN IUD TO "MOTIVATE" SOMEONE TO RETURN FOR A 6 WEEK POSTPARTUM VISIT DOESN'T WORK

- “Only... 60% [of those who requested an IUD and whose records were available] actually obtained an IUD. Barriers... included... failure to return... and early repeat pregnancy”.

Ogburn et al 2005

# Processes in which teams roll out IPP LARC initiatives without 100% provider buy in

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## Landscape context

- Hospitalist/locums issues
- Provider turnover
- Privileging/training for new procedures
- Partnering with nurse midwives/advanced practice clinicians

## Scale-up approaches

1. Exploration
2. Installation
3. Initial implementation
  - Initially launch one LARC device type and/or
  - Pilot services with a small group of providers
4. Full implementation



## Exploration

Clinician  
steps

Pharmacy  
steps

Finance or billing  
steps

Information technology  
and EHR steps

Identify project champions

Provide clinical  
evidence

Verify insurance participation

Reimbursement  
reassurance

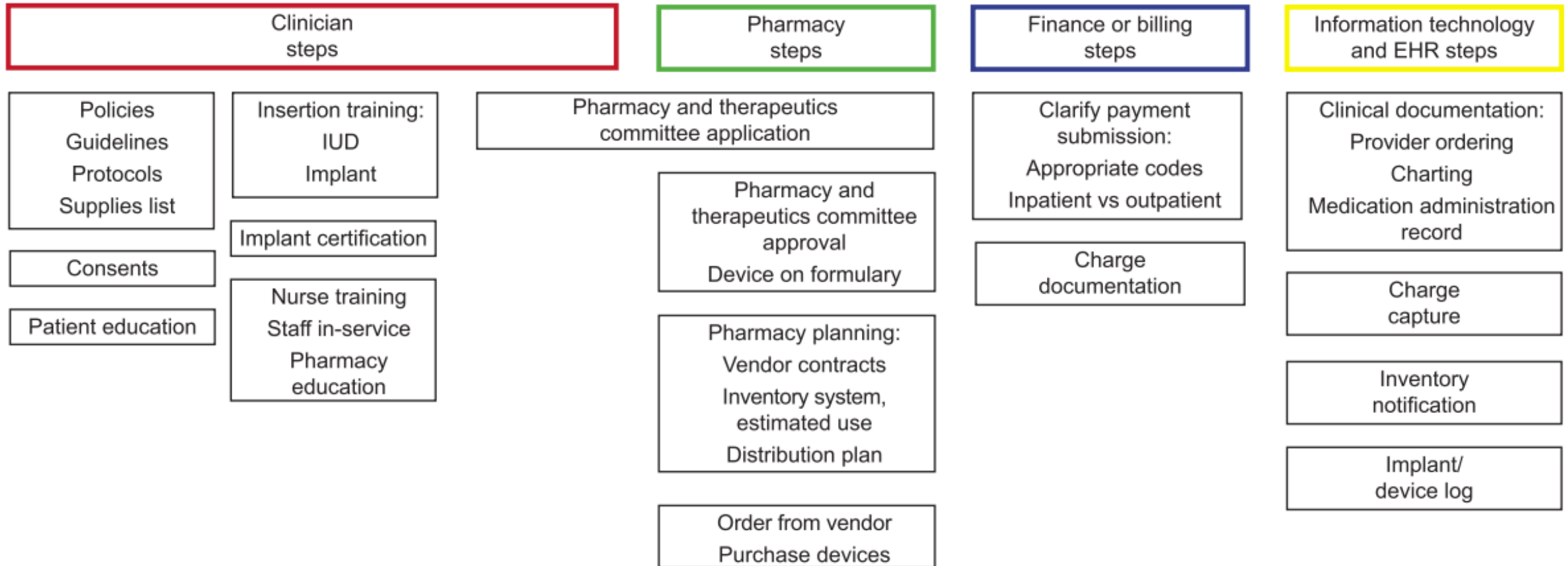
Verify  
payment

Confirm appropriate  
administrative awareness

Assemble immediate postpartum LARC team  
Plan for ongoing communication or meeting



## Installation



# CHAMPIONS ARE HYPE PEOPLE THROUGHOUT ALL IMPLEMENTATION STEPS!

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Stock image

- “You need spokespeople to be promoting these projects, and you need a point person that’s going to be on the floors whether day or night, talking it up. Somebody that has influence. Somebody that people respect and like and know.”
  - Clinician champion in TX
- “Initially, the nurses had concerns about expulsion rates and [asked] “Is this even going to be successful?” If you can get the education out there before you implement it, that kind of helps allay those fears and they’re a lot more supportive of it once it rolls out.”
  - Nurse at IPP implementation hospital in TX



## Implementation and sustainability

Clinician  
steps

Pharmacy  
steps

Finance or billing  
steps

Information technology  
and EHR steps

Piloting, trial period

Equipment and  
supplies list

Ready-to-open  
kits

Placement  
location

Timing during  
hospitalization

Storage  
location

Device flow:  
storage to bedside

Claim  
submission

Payer  
communication

Educational  
refreshers

New hire  
training

**FIGURE 3****Stage-based checklist for immediate postpartum long-acting reversible contraception implementation**

Implementation Stage	IPP LARC Outcomes in this Stage
<p><b>Exploration</b></p> <p><i>Key activities</i></p> <ul style="list-style-type: none"> <li>• Identify the need for change</li> <li>• Learn about possible interventions that may provide solutions</li> <li>• Learn about what it takes to implement IPP LARC effectively</li> <li>• Develop a team to support the work as it progresses through the stages</li> <li>• Grow stakeholders and champions,</li> <li>• Assess and create readiness for change</li> <li>• Develop communication processes to support the work and decide to proceed (or not).</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Demonstrated need for IPP LARC</li> <li><input type="checkbox"/> Provide clinical evidence</li> <li><input type="checkbox"/> Demonstrated fit and feasibility of IPP LARC through IPP LARC Readiness Assessment</li> <li><input type="checkbox"/> Demonstrated readiness and buy-in from:             <ul style="list-style-type: none"> <li><input type="checkbox"/> Providers</li> <li><input type="checkbox"/> Leadership</li> <li><input type="checkbox"/> Pharmacy</li> <li><input type="checkbox"/> Billing</li> <li><input type="checkbox"/> Finance</li> <li><input type="checkbox"/> Stakeholders</li> <li><input type="checkbox"/> Champions</li> </ul> </li> <li><input type="checkbox"/> Implementation team formed             <ul style="list-style-type: none"> <li><input type="checkbox"/> Implementation team charter developed clarifying the team’s way of work</li> <li><input type="checkbox"/> Communication protocol developed to support bi-directional communication between the team, stakeholders and leadership</li> </ul> </li> <li><input type="checkbox"/> Identify necessary infrastructure elements to support IPP LARC practice and related organizational and systems change</li> </ul>

## Installation

### Key activities

- Secure and develop the support needed to put IPP LARC into place as intended
- Develop feedback loops between the practice and leadership levels in order to streamline communication
- Gather feedback on how IPP LARC will be implemented

- Assess team competencies to support IPP LARC access
- Develop implementation team competencies to support IPP LARC access
- Assure financial resources (e.g. funding, FTE) to support IPP LARC access
- Institute practice-policy feedback loops between practitioners, implementation team and leadership
  - Providers have access to IPP LARC data and are equipped to use them for improvement
- Majority of providers trained in IPP LARC (Nexplanon, IUDs) placement, contraceptive choice counseling
  - Training plan developed to address placement and contraceptive choice counseling
  - Implant certification obtained
- Infrastructure created to support provider coaching and ongoing improvement
- Policies have been created/modified to enable acquisition and availability of and reimbursement for IPP LARC placement
- Process for orienting patients to IPP LARC and obtaining consent in place
  - Consent forms created or modified for use
  - Patient education materials created or modified for use
- Pharmacy processes and policies are in place
  - Address formulary revisions
  - Determine pharmacy costs (device, local anesthetic, stocking charge)
  - Determine inventory levels, stocking locations and order system revisions
  - Purchase devices
  - Storage location identified
  - Develop storage-to-bedside device flow
- Billing and collections processes and policies are in place
  - Billing processes for the device, facility and provider
  - Initiate contract amendments with payers
  - Customize the claims processes
  - Test billing revisions to assure reimbursement
  - Update documentation as needed
- IT and HER process and policies are in place
  - Clinical documentation established for provider ordering and charting
  - Charge capture
  - Inventory notification
  - Implant/device log
- Cross-departmental collaboration on processes and policies are in place
  - Establish guidelines and work flows for L&D, obstetric operating rooms, and postpartum floor

# FINANCIAL BARRIERS AND SOLUTIONS

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- PA Medicaid
  - Reimburses for IPP LARC above and beyond global fee
- Private insurance
  - “LARC included in global fee”
- Self pay - Hospital based plan coverage
  - Some cover IPP LARC if deliveries happen in their system



Planterina

# EQUITY AND ACCESS WHEN PATIENTS DEEMED “INELIGIBLE PER INTERNAL CRITERIA”

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- Process flow for privately insured and self pay patients
- **Bridge with another method and offer insertion 2-6 weeks postpartum**
- Privately insured:
  - Implant anytime postpartum
  - IUD and implant reimbursed above any outpatient office or global fee
- Self pay: what options exist for uninsured patients to access contraception postpartum?
  - Title X
  - FQHCs
  - Hospital/clinic-based grants?



# IPP LARC STANDARD OPERATING PROCEDURE

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- Scope
- Procedures
  - Counseling
  - Nurse
  - Provider
- Technique
  - Vaginal birth
  - C section
- IUD string not seen at post insertion care visit



**STANDARD OPERATING PROCEDURE- GUIDELINE**

**IMMEDIATE POSTPARTUM IUD INSERTION**

# TAKEAWAY POINTS

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1. ACOG, CDC, WHO, Society of Family Planning, and Cochrane Reviews all support immediate postpartum LARC as a safe and effective option
2. Clinician champions and interprofessional champion teams are essential in implementing IPP LARC programs
3. Consider scale-up approaches to initial implementation of IPP LARC: Initially launch one LARC device type and/or pilot services with a small group of providers

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